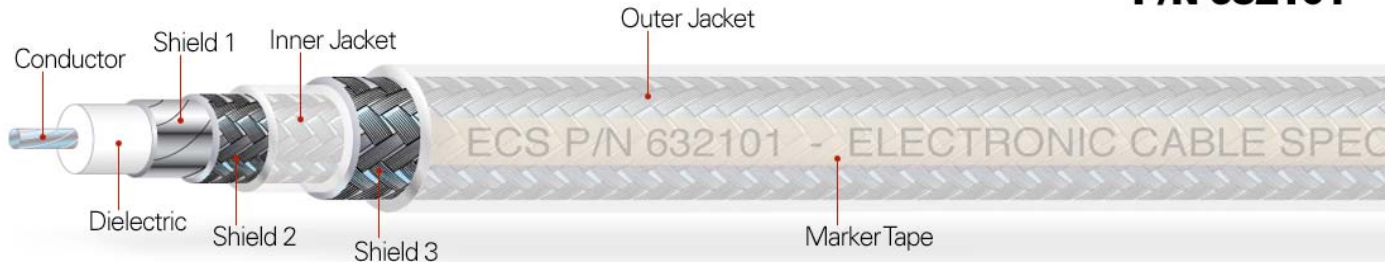




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

50 Ohm Triaxial Cable

P/N 632101



Conductor: 20 AWG stranded silver plated copper
Dielectric: High temperature fluoropolymer
Shield 1: Aluminum tape
Shield 2: Tin plated copper braid
Inner Jacket: White high temperature fluoropolymer
Shield 3: Tin plated copper braid
Outer Jacket: White high temperature fluoropolymer (laser markable)

Physical Characteristics

Outer Diameter: 0.171 inches nominal
Bend Radius: 0.855 inches nominal
Weight: 2.9 lbs/100 feet nominal
Temperature Range: -55° to +200° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 50.0 Ohms nominal
Capacitance: 26.0 pF/ft nominal
DC Resistance: 9.6 Ohms/1000 ft nominal
Time Delay: 1.34 ns/ft nominal
Attenuation: 10 MHz 2.00 dB/100 ft; (nominal)
 400 MHz 8.5 dB/100 ft;
 1000 MHz 14.0 dB/100 ft

Environmental:

- ECS avionics cables are designed to meet, or exceed, burn requirements as set forth in Federal Aviation Regulations 14 CFR Part 25.869(a)(4) Amdt 25-113, Appendix F Part I(a)(3).
- They are manufactured with materials which, when subjected to flames or high temperatures, will not outgas deadly hydrogen chloride produced by conventional PVC cables.

Connector Types for Cable 632101

| Connector Type | Connector P/N | Connector Type | Connector P/N | Connector Type | Connector P/N |
|----------------|---------------|------------------|---------------|------------------|---------------|
| BNC Straight | N/A | F Straight | N/A | ARINC 404 Size 9 | N/A |
| BNC 90° | N/A | F 90° | N/A | D-SUB #8 Socket | N/A |
| BNC Bulkhead | N/A | ARINC 600 Size 5 | N/A | D-SUB #8 Pin | N/A |
| TNC Straight | N/A | ARINC 600 Size 8 | N/A | TRB Triax Plug | PL75-60 |
| SMA 90° | N/A | | | | |

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